1999
Detail Natality Record

Tape Location	Field Size	Item and Code Outline

| 1-4 | 4 | **DATAYEAR** |

Year Birth of Child (Data Year)

1999   ...   1999

| 5 | 1 | **RECTYPE** |

Record Type

1   ...   Resident: State and county of occurrence and residence are the same.

2   ...   Nonresident: State and/or county of occurrence and residence are different.

| 6 | 1 | **RESTATUS** |

Resident Status

United States occurrence

1   ...   RESIDENTS: State and county of occurrence and residence are the same.

2   ...   INTRASTATE NONRESIDENTS: State of occurrence and residence are the same, but county is different.

3   ...   INTERSTATE NONRESIDENTS: State of occurrence and residence are different, but both are in the U.S.

4   ...   FOREIGN RESIDENTS: State of occurrence is one of the 50 States or the District of Columbia, but place of residence of mother is outside of the U.S.

Puerto Rico occurrence

1   ...   RESIDENTS: Territory and county equivalent of occurrence and residence are the same.

2   ...   INTRATERRITORY NONRESIDENTS: Territory of occurrence and residence are the same, but

Tape Location	Field Size	Item and Code Outline
		county equivalent is different.
	4	... FOREIGN RESIDENTS: Occurred in Puerto Rico to a resident of any other place.

Tape Location	Field Size	Item and Code Outline
6	1	**RESTATUS**

Resident Status (Cont'd)

Virgin Islands occurrence

1 ... RESIDENTS: Territory and county equivalent of occurrence and residence are the same.

2 ... INTRATERRITORY NONRESIDENTS: Territory of occurrence and residence are the same, but county equivalent is different.

4 ... FOREIGN RESIDENTS: Occurred in the Virgin Islands to a resident of any other place.

Guam occurrence

1 ... RESIDENTS: Occurred in Guam to a resident of Guam or to a resident of the U.S.

4 ... FOREIGN RESIDENTS: Occurred in Guam to a resident of any place other than Guam or of the U.S.

American Samoa occurrence

1 ... RESIDENTS: Territory and county equivalent of occurrence and residence are the same.

2 ... INTRATERRITORY NONRESIDENTS: Territory of occurrence and residence are the same, but county equivalent is different.

4 ... FOREIGN RESIDENTS: Occurred in the American Samoa to a resident of any other place.

Northern Marianas occurrence

1 ... RESIDENTS: Territory and county

Tape Location	Field Size	Item and Code Outline

equivalent of

occurrence and

residence are the
same.   2   ...

INTRATERRITORY NONRESIDENTS:

Territory of

occurence and

residence are the
same, but county

equivalent is

different.
4   ...   FOREIGN RESIDENTS:

Occurred in the

Northern Marianas to
a resident of   any
other place.

| 7 | 1 | **RECWT**
 Record Weight |

1   ...   Constant - as of the 1985 data
year, this file contains data
on a 100-percent basis from
all reporting areas.

| 8 | 1 | **PLDEL**
 Place or Facility of Birth |

1   ...   Hospital
2   ...   Freestanding Birthing Center
3   ...   Clinic or Doctor's Office
4   ...   A Residence
5   ...   Other
9   ...   Unknown or Not Stated

| 9 | 1 | **PLDEL3**
 Place or Facility of Birth Recode |

1   ...   In Hospital
2   ...   Not in a Hospital

Tape Location	Field Size	Item and Code Outline

3   ... Unknown or Not Stated

10	1	**BIRATTND** **Attendant at Birth**

1   ... Doctor of Medicine (M.D.)
2   ... Doctor of Osteopathy (D.O.)
3   ... Certified Nurse Midwife (C.N.M.)
    4   ...   Other Midwife
5   ... Other
9   ...   Unknown or Not Stated

11-26	16	**NOCCUR** **Place of Occurrence**

11-13	3	**RDSSCOCC** **Region, Division, and State Subcode of Occurrence**

11	1	**REGNOCC** **Region of Occurrence**

12	1	**DIVOCC** **Division of Occurrence**

13	1	**STSUBOCC** **State Subcode of Occurrence**

States are coded within division and the structure is designed to sequence the States as they appear in NCHS publications.

000   ... Not applicable: P.R., V.I., A.S., Guam or M.P. occurrence
1   ... <u>NORTHEAST</u>
    1   ...   New England
1   ...   Maine
2   ...   New Hampshire
3   ...   Vermont
4   ...   Massachusetts

Tape Location	Field Size	Item and Code Outline
13	1	**STSUBOCC**

State Subcode of Occurrence (Cont'd)

```
                            5      ...          Rhode Island
                    6      ...           Connecticut
            2      ...        Middle Atlantic
                    1      ...          New York
                    2      ...          New Jersey
                    3      ...          Pennsylvania
    2              ...      MIDWEST
            3      ...        East North Central
                    1      ...          Ohio
                    2      ...          Indiana
                    3      ...          Illinois
                    4      ...          Michigan
                    5      ...          Wisconsin
            4      ...        West North Central
                    1      ...          Minnesota
                    2      ...          Iowa
                    3      ...          Missouri
                    4      ...          North Dakota
                    5      ...          South Dakota
                    6      ...          Nebraska
                    7      ...          Kansas
    3              ...      SOUTH
            5      ...        South Atlantic
                    1      ...          Delaware
                    2      ...          Maryland
                    3      ...          District of Columbia
                    4      ...          Virginia
                            5      ...          West Virginia
                    6      ...          North Carolina
                    7      ...          South Carolina
                            8      ...          Georgia
                    9      ...          Florida
            6      ...        East South Central
                    1      ...          Kentucky
                    2      ...          Tennessee
                    3      ...          Alabama
                    4      ...          Mississippi
            7      ...        West South Central
                    1      ...          Arkansas
                    2      ...          Louisiana
                    3      ...          Oklahoma
                    4      ...          Texas
    4              ...      WEST
            8      ...        Mountain
```

Tape Location	Field Size	Item and Code Outline

		1 ... Montana
		2 ... Idaho
		3 ... Wyoming
		4 ... Colorado
		5 ... New Mexico
		6 ... Arizona
		7 ... Utah
		8 ... Nevada
		9 ... <u>Pacific</u>
		1 ... Washington
		2 ... Oregon
		3 ... California
13	1	**STSUBOCC**

State Subcode of Occurrence (Cont'd)

          4   ...   Alaska
     5   ...   Hawaii

| 14-15 | 2 | **STNATEXP** |

Expanded State of Occurrence

This item is designed to separately identify

New York city records from other New York State records.

United States
     01   ... Alabama
     02   ... Alaska
     03   ... Arizona
     04   ... Arkansas
     05   ... California
     06   ... Colorado
     07   ... Connecticut
     08   ... Delaware
     09   ... District of Columbia
      10   ... Florida
     11   ... Georgia
     12   ... Hawaii
     13   ... Idaho
     14   ... Illinois
     15   ... Indiana
     16   ... Iowa
     17   ... Kansas
     18   ... Kentucky
     19   ... Louisiana
     20   ... Maine

Tape Location	Field Size	Item and Code Outline

		21 ... Maryland
		22 ... Massachusetts
		23 ... Michigan
		24 ... Minnesota
		25 ... Mississippi
		26 ... Missouri
		27 ... Montana
		28 ... Nebraska
		29 ... Nevada
		30 ... New Hampshire
		31 ... New Jersey
		32 ... New Mexico
		33 ... New York
		34 ... New York city
		35 ... North Carolina
		36 ... North Dakota
		37 ... Ohio
		38 ... Oklahoma
		39 ... Oregon
		40 ... Pennsylvania
		41 ... Rhode Island
		42 ... South Carolina
		43 ... South Dakota
		44 ... Tennessee
		45 ... Texas
14-15	2	**STNATEXP**

Expanded State of Occurrence (Cont'd)

46 ... Utah
47 ... Vermont
48 ... Virginia
49 ... Washington
50 ... West Virginia
51 ... Wisconsin
52 ... Wyoming

Puerto Rico
53 ... Puerto Rico

Virgin Islands
54 ... Virgin Islands

Guam
55 ... Guam

Tape Location	Field Size	Item and Code Outline

American Samoa
62   ...   American Samoa

Northern Marianas
63   ...   Northern Marianas

16-17   2   **STATENAT**
State of Occurrence

United States
01   ...   Alabama
02   ...   Alaska
03   ...   Arizona
04   ...   Arkansas
05   ...   California
06   ...   Colorado
07   ...   Connecticut
08   ...   Delaware
09   ...   District of Columbia
10   ...   Florida
11   ...   Georgia
12   ...   Hawaii
13   ...   Idaho
14   ...   Illinois
15   ...   Indiana
16   ...   Iowa
17   ...   Kansas
18   ...   Kentucky
19   ...   Louisiana
20   ...   Maine
21   ...   Maryland
22   ...   Massachusetts
23   ...   Michigan
24   ...   Minnesota
25   ...   Mississippi
26   ...   Missouri
27   ...   Montana
28   ...   Nebraska

16-17   2   **STATENAT**
State of Occurrence (Cont'd)

29   ...   Nevada
30   ...   New Hampshire
31   ...   New Jersey
32   ...   New Mexico

Tape Location	Field Size	Item and Code Outline

		33 ... New York
		34 ... North Carolina
		35 ... North Dakota
		36 ... Ohio
		37 ... Oklahoma
		38 ... Oregon
		39 ... Pennsylvania
		40 ... Rhode Island
		41 ... South Carolina
		42 ... South Dakota
		43 ... Tennessee
		44 ... Texas
		45 ... Utah
		46 ... Vermont
		47 ... Virginia
		48 ... Washington
		49 ... West Virginia
		50 ... Wisconsin
		51 ... Wyoming

Puerto Rico
52 ... Puerto Rico

Virgin Islands
53 ... Virgin Islands

Guam
54 ... Guam

American Samoa
61 ... American Samoa

Northern Marianas
62 ... Northern Marianas

18-20	3	**CNTYNAT** **County of Occurrence**

001-nnn ... Counties and county equivalents (independent and coextensive cities) are numbered alphabetically within each State and identify each county with a

Tape Location	Field Size	Item and Code Outline

population of 100,000 or more in 1990. (Note: To uniquely identify a county, both and State and county codes must be used.) A complete list of counties is shown in the Geographic Code Outline further back in this document.

18-20   3   **CNTYNAT**
                         County of Occurrence (Cont'd)

999   ... County of less than
100,000   population

21-25   5   **FIPSOCC**
                         Federal Information Processing Standards

(FIPS)

                         Geographic Codes (Occurrence)

Refer to the Geographic Code Outline

further back in   this document for a detailed list of areas

and   codes. For an explanation of FIPS codes,

reference   should be made to various National

Institute of   Standards and Technology (NIST)

publications.   **Some Geographic codes have changed to**

reflect the

                     results of the 1990 Census.

21-22   2   **STOCCFIP**
                         State of Occurrence (FIPS)

                         United States
                         01   ... Alabama
                         02   ... Alaska
                         04   ... Arizona
                         05   ... Arkansas

Tape Location	Field Size	Item and Code Outline

		06 ... California
		08 ... Colorado
		09 ... Connecticut
		10 ... Delaware
		11 ... District of Columbia
		12 ... Florida
		13 ... Georgia
		15 ... Hawaii
		16 ... Idaho
		17 ... Illinois
		18 ... Indiana
		19 ... Iowa
		20 ... Kansas
		21 ... Kentucky
		22 ... Louisiana
		23 ... Maine
		24 ... Maryland
		25 ... Massachusetts
		26 ... Michigan
		27 ... Minnesota
		28 ... Mississippi
		29 ... Missouri
		30 ... Montana
		31 ... Nebraska
		32 ... Nevada
		33 ... New Hampshire
		34 ... New Jersey
		35 ... New Mexico
		36 ... New York
		37 ... North Carolina
		38 ... North Dakota
		39 ... Ohio

| 21-22 | 2 | **STOCCFIP** |

State of Occurrence (FIPS) (Cont'd)

		40 ... Oklahoma
		41 ... Oregon
		42 ... Pennsylvania
		44 ... Rhode Island
		45 ... South Carolina
		46 ... South Dakota
		47 ... Tennessee
		48 ... Texas
		49 ... Utah
		50 ... Vermont

Tape Location	Field Size	Item and Code Outline

<pre>
                              51   ... Virginia
                                   53   ... Washington
                              54   ... West Virginia
                                   55   ... Wisconsin
                              56   ... Wyoming
</pre>

Puerto Rico
72   ... Puerto Rico

Virgin Islands
78   ... Virgin Islands

Guam
66   ... Guam

American Samoa
60   ... American Samoa

Northern Marianas
69   ... Northern Marianas

23-25	3	**CNTOCFIP**
		County of Occurrence (FIPS)

001-nnn ... Counties and county equivalents (independent and coextensive cities) are numbered alphabetically within each State. (Note: To uniquely identify a county, both the State and county codes must be used.) A complete list of counties is

Tape Location	Field Size	Item and Code Outline
		shown in the Geographic Code Outline further back in this document.
	999	... County of less than 100,000 population

Tape Location	Field Size	Item and Code Outline

26   **1**   **CNTOCPOP**
                               Population Size of County of Occurrence

                               Based on the results of the 1990 Census

                               0   ... County of 1,000,000 or more
                               1   ... County of   500,000 to
1,000,000

                               2   ... County of   250,000 to
500,000

                               3   ... County of   100,000 to
250,000

27-58   **32**   **NRESID**
                               Place of Residence

                                 Refer to the Geographic Code Outline
further back in

and   this document for a detailed list of areas

to   codes. **Some Geographic codes have changed**

                                 reflect the results of the 1990 Census.

27-29   **3**   **RDSCRES**
                               Region, Division, and State Subcode of
Residence

27   **1**   **REGNRES**
                               Region of Residence

28   **1**   **DIVRES**
                               Division of Residence

29   **1**   **STSUBRES**
                               State Subcode of Residence

                                 States are coded within Division and the
code

                                 structure is designed to sequence the
States as they

                                 appear in NCHS publications.

                               APPLICABLE TO U.S. ONLY

Tape Location	Field Size	Item and Code Outline
		000 ... <u>Foreign Residents</u>
		1 ... <u>NORTHEAST</u>
		1 ... <u>New England</u>
		1 ... Maine
		2 ... New Hampshire
		3 ... Vermont
		4 ... Massachusetts
		5 ... Rhode Island
		6 ... Connecticut
		2 ... <u>Middle Atlantic</u>
		1 ... New York
		2 ... New Jersey
		3 ... Pennsylvania
		2 ... <u>MIDWEST</u>
		3 ... <u>East North Central</u>
		1 ... Ohio
		2 ... Indiana
		3 ... Illinois
		4 ... Michigan
		5 ... Wisconsin
		4 ... <u>West North Central</u>
29	1	**<u>STSUBRES</u>**

<u>State Subcode of Residence (Cont'd)</u>

		1 ... Minnesota
		2 ... Iowa
		3 ... Missouri
		4 ... North Dakota
		5 ... South Dakota
		6 ... Nebraska
		7 ... Kansas
		3 ... <u>SOUTH</u>
		5 ... <u>South Atlantic</u>
		1 ... Delaware
		2 ... Maryland
		3 ... District of Columbia
		4 ... Virginia
		5 ... West Virginia
		6 ... North Carolina
		7 ... South Carolina
		8 ... Georgia
		9 ... Florida
		6 ... <u>East South Central</u>
		1 ... Kentucky
		2 ... Tennessee
		3 ... Alabama

Tape Location	Field Size	Item and Code Outline

		4 ... Mississippi
		7 ... West South Central
		1 ... Arkansas
		2 ... Louisiana
		3 ... Oklahoma
		4 ... Texas
		4 ... WEST
		8 ... Mountain
		1 ... Montana
		2 ... Idaho
		3 ... Wyoming
		4 ... Colorado
		5 ... New Mexico
		6 ... Arizona
		7 ... Utah
		8 ... Nevada
		9 ... Pacific
		1 ... Washington
		2 ... Oregon
		3 ... California
		4 ... Alaska
		5 ... Hawaii

| 30-31 | 2 | **STRESEXP** **Expanded State of Residence** |

This item is designed to separately identify New York City records from other New York State records.

United States occurrence

| | | 01 ... Alabama |
| | | 02 ... Alaska |

| 30-31 | 2 | **STRESEXP** **Expanded State of Residence (Cont'd)** |

		03 ... Arizona
		04 ... Arkansas
		05 ... California
		06 ... Colorado
		07 ... Connecticut
		08 ... Delaware
		09 ... District of Columbia

Tape Location	Field Size	Item and Code Outline
		10 ... Florida
		11 ... Georgia
		12 ... Hawaii
		13 ... Idaho
		14 ... Illinois
		15 ... Indiana
		16 ... Iowa
		17 ... Kansas
		18 ... Kentucky
		19 ... Louisiana
		20 ... Maine
		21 ... Maryland
		22 ... Massachusetts
		23 ... Michigan
		24 ... Minnesota
		25 ... Mississippi
		26 ... Missouri
		27 ... Montana
		28 ... Nebraska
		29 ... Nevada
		30 ... New Hampshire
		31 ... New Jersey
		32 ... New Mexico
		33 ... New York
		34 ... New York City
		35 ... North Carolina
		36 ... North Dakota
		37 ... Ohio
		38 ... Oklahoma
		39 ... Oregon
		40 ... Pennsylvania
		41 ... Rhode Island
		42 ... South Carolina
		43 ... South Dakota
		44 ... Tennessee
		45 ... Texas
		46 ... Utah
		47 ... Vermont
		48 ... Virginia
		49 ... Washington
		50 ... West Virginia
		51 ... Wisconsin
		52 ... Wyoming
		53-58,60, ... Foreign Residents
		62,63
		53 ... Puerto Rico

Tape Location	Field Size	Item and Code Outline

54   ...   Virgin Islands
55   ...   Guam

30-31   2   **STRESEXP**
Expanded State of Residence (Cont'd)

62   ...   American Samoa
63   ...   Northern Marianas
56   ...   Canada
57   ...   Cuba
58   ...   Mexico
60   ...   Remainder of the world

Puerto Rico occurrence
53   ...   Puerto Rico
01-52,54-58,60,62,63...   Foreign residents: Refer
to U.S.
for specific code
structure.

Virgin Islands occurrence
54   ...   Virgin Islands
01-53,55-58,60,62,63...   Foreign residents: Refer
to U.S. for specific code
structure.

Guam occurrence
55   ...   Guam
01-52   ...   U.S. resident is also
considered a
resident of
 Guam.
53-54,56-58,60,62,63...   Foreign residents: Refer
to U.S. for specific code
structure.

American Samoa occurrence
62   ...   American Samoa
01-52   ...   U.S. resident is also
considered a
resident of
American Samoa

Tape Location	Field Size	Item and Code Outline

53-58,60,63   ...   Foreign residents: Refer
      to U.S. for specific code

structure.

Northern Marianas

63   ...   Northern Marianas

01-52   ...   U.S. resident is also

considered

Northern Marianas.

53-58,60,62   ...   Foreign residents: Refer
      to U.S. for specific code

structure.

Tape Location	Field Size	Item and Code Outline
32-33	2	**STATERES** **State of Residence**

United States occurrence

01   ...   Alabama
02   ...   Alaska
03   ...   Arizona
04   ...   Arkansas
05   ...   California
06   ...   Colorado
07   ...   Connecticut

Tape Location	Field Size	Item and Code Outline
32-33	2	**STATERES** **State of Residence (Cont'd)**

08   ...   Delaware
09   ...   District of Columbia
10   ...   Florida
11   ...   Georgia
12   ...   Hawaii
13   ...   Idaho
14   ...   Illinois
15   ...   Indiana
16   ...   Iowa
17   ...   Kansas
18   ...   Kentucky
19   ...   Louisiana
20   ...   Maine
21   ...   Maryland

Tape Location	Field Size	Item and Code Outline

```
                         22    ...  Massachusetts
                         23    ...  Michigan
                         24    ...  Minnesota
                         25    ...  Mississippi
                         26    ...  Missouri
                         27    ...  Montana
                         28    ...  Nebraska
                         29    ...  Nevada
                         30    ...  New Hampshire
                         31    ...  New Jersey
                         32    ...  New Mexico
                         33    ...  New York
                         34    ...  North Carolina
                         35    ...  North Dakota
                         36    ...  Ohio
                         37    ...  Oklahoma
                         38    ...  Oregon
                         39    ...  Pennsylvania
                         40    ...  Rhode Island
                         41    ...  South Carolina
                         42    ...  South Dakota
                         43    ...  Tennessee
                         44    ...  Texas
                         45    ...  Utah
                         46    ...  Vermont
                         47    ...  Virginia
                         48    ...  Washington
                         49    ...  West Virginia
                         50    ...  Wisconsin
                         51    ...  Wyoming
                         52-57,59,61,62..Foreign Residents
                         52    ...    Puerto Rico
                         53    ...    Virgin Islands
                         54    ...    Guam
                         61    ...    American Samoa
                             62      ...      Northern Marianas
                         55    ...    Canada
                         56    ...    Cuba
                         57    ...    Mexico
                         59    ...    Remainder of the world
```

Tape Location	Field Size	Item and Code Outline
32-33	2	**STATERES**

State of Residence (Cont'd)

Puerto Rico occurrence
```
                         52          ...   Puerto Rico
```

1999
Detail Natality Record

Tape Location	Field Size	Item and Code Outline
		01-51,53-57,59, ... Foreign Residents:
Refer to		
		61,62 U.S. for specific
code		
		structure.

Virgin Islands occurrence
		53 ... Virgin Islands
Refer to		01-52,54-57,59, ... Foreign Residents:
		61,62 U.S. for specific code
		structure.

Guam occurrence
		54 ... Guam
		01-51 ... U.S. resident is also
Guam.		considered a resident of
Refer to		52-53,55-57,59, ... Foreign Residents:
		61,62 U.S. for specific code
		structure.

American Samoa occurrence
		61 ... American Samoa
		01-51 ... U.S. resident is also
		considered a resident of
		American Samoa
		52-57,59,62 ... Foreign Residents: Refer
to		
		U.S. for specific code
		structure.

Northern Marianas
		62 ... Northern
		01-51 ... U.S resident is
		considered a
		Northern
Marianas		
also		
resident of		52-57,59,61 ... Foreign
Marianas.		
Residents: Refer to		U.S. for
specific code		

Tape Location	Field Size	Item and Code Outline
		structure.

Tape Location	Field Size	Item and Code Outline
34-36	3	**CNTYRES** **County of Residence**

A complete list of counties is shown in the Geographic Code Outline further back in this document.

001-nnn   ...   Counties and county equivalents (independent and coextensive cities) are numbered alphabetically within each State and identify each county with a population of 100,000 or more in 1990. (Note: To uniquely identify a county, both the State and county codes must be used.)

999   ...   County of less than 100,000 population

ZZZ   ...   Foreign Residents

| 37-39 | 3 | **CITYRES** **City of Residence** |

A complete list of cities is shown in the Geographic Code Outline further back in this document.

001-nnn   ...   Cities are numbered alphabetically within each State and identify each city with a population of 100,000 or more in 1990. (Note: To uniquely identify a city, both the State and city codes must be used. State, county and city codes may also be used.)

999   ...   Balance of county

Tape Location	Field Size	Item and Code Outline
		ZZZ ... Foreign residents

Tape Location	Field Size	Item and Code Outline

40   **1**   **CITRSPOP**
Population Size of City of Residence

Based on the results of the 1990 census

0	...	Place of 1,000,000 or more
1	...	Place of 500,000 to 1,000,000
2	...	Place of 250,000 to 500,000
3	...	Place of 100,000 to 250,000
9	...	All other areas in the U.S. residents
Z	...	Foreign

41   **1**   **METRORES**
Metropolitan - Nonmetropolitan County of Residence

NOTE: VIRGIN ISLANDS, GUAM, NORTHERN MARIANAS AND AMERICAN SAMOA DO NOT HAVE ANY METROPOLITAN AREAS

1	...	Metropolitan county
2	...	Nonmetropolitan county
Z	...	Foreign residents

42-57   **16**   **FIPSRES**
Federal Information Processing Standards (FIPS) Geographic Codes (Residence)

Refer to the Geographic Code Outline further back in this document for a detailed list of areas and codes. For an explanation of FIPS codes, reference should be made to various National Institute of Standards and Technology (NIST) publications. **Some**

Tape Location	Field Size	Item and Code Outline

Geographic Codes have changed to reflect the results of the 1990 Census.

| 42-43 | 2 | **STRESFIP** **State of Residence (FIPS)** |

```
        00      ...  Foreign residents
   01   ...  Alabama
   02   ...  Alaska
   04   ...  Arizona
   05   ...  Arkansas
   06   ...  California
   08   ...  Colorado
   09   ...  Connecticut
   10   ...  Delaware
   11   ...  District of Columbia
   12   ...  Florida
        13      ...  Georgia
   15   ...  Hawaii
   16   ...  Idaho
   17   ...  Illinois
   18   ...  Indiana
   19   ...  Iowa
   20   ...  Kansas
   21    ...     Kentucky
   22   ...  Louisiana
```

| 42-43 | 2 | **STRESFIP** **State of Residence (FIPS) (Cont'd)** |

```
   23   ...  Maine
   24   ...  Maryland
   25   ...  Massachusetts
   26   ...  Michigan
   27   ...  Minnesota
   28   ...  Mississippi
   29   ...  Missouri
   30   ...  Montana
   31   ...  Nebraska
   32   ...  Nevada
        33      ...  New Hampshire
   34   ...  New Jersey
   35   ...  New Mexico
   36   ...  New York
   37   ...  North Carolina
```

Tape Location	Field Size	Item and Code Outline

		38 ... North Dakota
		39 ... Ohio
		40 ... Oklahoma
		41 ... Oregon
		42 ... Pennsylvania
		44 ... Rhode Island
		45 ... South Carolina
		46 ... South Dakota
		47 ... Tennessee
		48 ... Texas
		49 ... Utah
		50 ... Vermont
		51 ... Virginia
		53 ... Washington
		54 ... West Virginia
		55 ... Wisconsin
		56 ... Wyoming

Puerto Rico occurrence

00-56,60,66,78,69 ... Foreign Residents: Refer to U.S. for specific code structure

72 ... Puerto Rico

Virgin Islands occurrence

00-56,60,66,72,69 ... Foreign Residents: Refer to U.S. for specific code structure

78 ... Virgin Islands

Guam occurrence

00,60,72,78,69 ... Foreign Residents: Refer to U.S. for specific code structure

01-56 ... U.S. Resident is also considered a resident of Guam. Refer to U.S. for specific code structure

66 ... Guam

| 42-43 | 2 | **STRESFIP** |

Tape Location	Field Size	Item and Code Outline

State of Residence (FIPS) (Cont'd)

American Samoa occurrence

00,66,72,78,69	...	Foreign Residents: Refer to U.S. for specific code structure
01-56	...	U.S. Resident is also considered a resident of American Samoa. Refer to specific code structure
60	...	American Samoa

Northern Marianas

00,60,66,72,78	...	Foreign U.S. for structure.
01-56	...	U.S. Resident is considered a Northern Specific code
69	...	Northern

Residents: Refer to

specific code

also

resident of

Marianas. Refer to

structure.

Marianas

44-46	3	**CNTYRFIP** **County of Residence (FIPS)**

001-nnn	...	Counties and county equivalents (independent and coextensive cities) are numbered alphabetically within each State. (Note: To uniquely identify a county, both the State and county codes must be used.)
999	...	County of less than 100,000 population

Tape Location	Field Size	Item and Code Outline

000   ...   Foreign residents

47-51   5   **PLACEFIP**
Place (City) of Residence

A complete list of cities is shown in the Geographic   code outline further back in this document. Effective   with the 1994 data year, the FIPS place code has been
     added to the Natality record. It identifies each
               city of 100,000 population or more in 1990.

00000   ... Foreign residents
00001-
nnnnn   ... Code range
99999   ... Balance of county; or city of less   than 100,000 population

52-53   2   **CMSA**
CMSA of Residence (FIPS)

Consolidated Metropolitan Statistical Areas are

groupings of certain Primary Metropolitan Statistical Areas and are defined by the U.S.

Office of Management and Budget (OMB) as of June 30,

1990.

52-53   2   **CMSA**
CMSA of Residence (FIPS) (Cont'd)

All AREAS
00   ... Not a CMSA

United States occurrence

07   ... Boston-Worcester-Lawrence, MA-NH-ME
                    CT, CMSA
14   ... Chicago-Gary-Kenosha, IL-IN-WI, CMSA

21   ... Cincinnati-Hamilton, OH-KY-IN, CMSA

28   ... Cleveland-Akron, OH, CMSA

Tape Location	Field Size	Item and Code Outline
		31 ... Dallas-Fort Worth, TX, CMSA
		34 ... Denver-Boulder-Greeley, CO, CMSA
		35 ... Detroit-Ann Arbor-Flint, MI, CMSA
		42 ... Houston-Galveston-Brazoria, TX, CMSA
		49 ... Los Angeles-Riverside-Orange County, CA, CMSA
		56 ... Miami-Fort Lauderdale, FL, CMSA
		63 ... Milwaukee-Racine, WI, CMSA
		70 ... New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, CMSA
		77 ... Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, CMSA
		79 ... Portland-Salem, OR-WA, CMSA
		82 ... Sacramento-Yolo, CA, CMSA
		84 ... San Francisco-Oakland-San Jose, CA, CMSA
		91 ... Seattle-Tacoma-Bremerton, WA, CMSA
		97 ... Washington-Baltimore, DC-MD-VA-WV, CMSA

Puerto Rico occurrence

     87   ... San Juan-Caguas-Arecibo,PR,CMSA

Tape Location	Field Size	Item and Code Outline
54-57	4	**SMSARFIP** **PMSA/MSA of Residence (FIPS)**

Primary Metropolitan Statistical Areas and Metropolitan Statistical Areas are those defined by the U.S. Office of Management and Budget as of 1990. For New England, the New England County Metropolitan Areas (NECMA's) are used.

Tape Location	**Field Size**	**Item and Code Outline**

Further back in this document is a list of PMSA's,

MSA's, NECMA's, and their component counties.

0000	...	Nonmetropolitan counties or foreign residents
0040-9360	...	Code range
9999	...	Area of less than 100,000 population

Tape Location	Field Size	Item and Code Outline
58	1	**CNTRSPOP** **Population Size of County of Residence**

Based on the results of the 1990 Census.

0	...	County of 1,000,000 or more
1	...	County of 500,000 to 1,000,000
2	...	County of 250,000 to 500,000
3	...	County of 100,000 to 250,000
9	...	County of less than 100,000
Z	...	Foreign resident

Tape Location	Field Size	Item and Code Outline
59-67	9	**R1A** **Reserved Positions**
68	1	**MAGERFLG** **Reported Age of Mother Used Flag**

This position is flagged whenever the reported age is used. The reported age is valid, when age could not be computed or computed age is outside the 10-54 code range. [mother's used, if when the range.]

Blank	...	Reported age is not used
1	...	Reported age is used

Tape Location	Field Size	Item and Code Outline
69	1	**MAGEIMP** **Age of Mother Imputation Flag**

Blank	...	Age is not imputed
1	...	Age is imputed

Tape Location	Field Size	Item and Code Outline
70-71	2	**DMAGE** **Age of Mother**

This item is: a) computed using dates of birth of

Tape Location	Field Size	Item and Code Outline

mother and of delivery; b) reported; or c) imputed.

This is the age item used in NCHS publications.

10-54 ... Age in single years

| 72-73 | 2 | **MAGE36**
Age of Mother Recode 36 |

01 ... Under 15 years
02 ... 15 years
03 ... 16 years
04 ... 17 years
05 ... 18 years
06 ... 19 years
07 ... 20 years
08 ... 21 years
09 ... 22 years
10 ... 23 years
11 ... 24 years
12 ... 25 years
13 ... 26 years

| 72-73 | 2 | **MAGE36**
Age of Mother Recode 36 (Cont'd) |

14 ... 27 years
15 ... 28 years
16 ... 29 years
17 ... 30 years
18 ... 31 years
19 ... 32 years
20 ... 33 years
21 ... 34 years
22 ... 35 years
23 ... 36 years
24 ... 37 years
25 ... 38 years
26 ... 39 years
27 ... 40 years
28 ... 41 years
29 ... 42 years
30 ... 43 years
31 ... 44 years
32 ... 45 years

Tape Location	Field Size	Item and Code Outline

		33 ... 46 years
		34 ... 47 years
		35 ... 48 years
		36 ... 49 years
		37 ... 50 years
		38 ... 51 years
		39 ... 52 years
		40 ... 53 years
		41 ... 54 years

74–75   2   **MAGE12**
Age of Mother Recode 12

```
01 ...  Under 15 years
03 ...  15 years
04 ...  16 years
05 ...  17 years
06 ...  18 years
07 ...  19 years
08 ...  20 - 24 years
09 ...  25 - 29 years
10 ...  30 - 34 years
11 ...  35 - 39 years
12 ...  40 - 44 years
13 ...  45 - 49 years
14 ...  50 - 54 years
```

76   1   **MAGE8**
Age of Mother Recode 8

```
1  ...  Under 15 years
2  ...  15 - 19 years
3  ...  20 - 24 years
4  ...  25 - 29 years
5  ...  30 - 34 years
6  ...  35 - 39 years
```

76   1   **MAGE8**
Age of Mother Recode 8 (Cont'd)

```
7  ...  40 - 44 years
8  ...  45 - 49 years
9  ...  50 - 54 years
```

77   1   **ORMOTH**

Tape Location	Field Size	Item and Code Outline

Hispanic Origin of Mother

Hispanic origin is reported by all areas except Puerto Rico, and American Samoa

```
0  ...  Non-Hispanic
1  ...  Mexican
2  ...  Puerto Rican
3  ...  Cuban
4  ...  Central or South American
5  ...  Other and unknown Hispanic
9  ...  Origin unknown or not stated
```

| 78 | 1 | **ORRACEM** |

Hispanic Origin and Race of Mother Recode

Hispanic origin is reported by all areas except Puerto Rico, and American Samoa

```
1  ...  Mexican
2  ...  Puerto Rican
3  ...  Cuban
4  ...  Central or South American
5  ...  Other and unknown Hispanic
6  ...  Non-Hispanic White
7  ...  Non-Hispanic Black
8  ...  Non-Hispanic other races
9  ...  Origin unknown or not stated
```

| 79 | 1 | **MRACEIMP** |

Race of Mother Imputation Flag

```
Blank  ...  Race is not imputed
    1  ...  Unknown race is imputed
    2  ...  All other races, formerly code 09,
              is imputed
```

| 80-81 | 2 | **MRACE** |

Race of Mother

United States occurrence

Beginning with 1992 data, some areas started

Tape Location	Field Size	Item and Code Outline

reporting additional Asian or Pacific

Islander codes

for these

for race. Codes 18-68 replace old code 08

other

areas. Code 78 replaces old code 08 for all

code 09

areas. For consistency with Census race

been

(all other races) used prior to 1992 has

imputed.

01   ... White

| 80-81 | 2 | **MRACE** |

Race of Mother (Cont'd)

```
02      ...  Black
03      ...  American Indian (includes
```
Aleuts and
```
             Eskimos)
04      ...  Chinese
05      ...  Japanese
06      ...  Hawaiian (includes part-
```
Hawaiian)
```
07      ...  Filipino
18      ...  Asian Indian
28      ...  Korean
38      ...  Samoan
48      ...  Vietnamese
58      ...  Guamanian
68      ...  Other Asian or Pacific Islander
```
in
```
             areas reporting codes 18-58
78      ...  Combined other Asian or Pacific
             Islander, includes codes 18-68
```
for
```
             areas that do not report them
                   separately
```

Puerto Rico occurrence
```
01      ...  White
02      ...  Black
00      ...  Other races
```

Tape Location	Field Size	Item and Code Outline

Virgin Islands occurrence

01	...	White
02	...	Black
03	...	American Indian (includes Aleuts and Eskimos)
04	...	Chinese
05	...	Japanese
06	...	Hawaiian (includes part-Hawaiian)
07	...	Filipino
08	...	Other Asian or Pacific Islander

Guam occurrence

01	...	White
02	...	Black
03	...	American Indian (includes Aleuts and Eskimos)
04	...	Chinese
05	...	Japanese
06	...	Hawaiian (includes part-Hawaiian)
07	...	Filipino
08	...	Other Asian or Pacific Islander
58	...	Guamanian

American Samoa occurrence

01	...	White
02	...	Black
03	...	American Indian (includes Aleuts and Eskimos)
04	...	Chinese

Tape Location	Field Size	Item and Code Outline
80-81	2	**MRACE**

Race of Mother (Cont'd)

05	...	Japanese
06	...	Hawaiian (includes part-Hawaiian)
07	...	Filipino
08	...	Other Asian or Pacific Islander

Northern Marianas occurrence

Tape Location	Field Size	Item and Code Outline

		01 ... White
		02 ... Black
		03 ... American Indian

(includes Aleuts and

		Eskimos)
		04 ... Chinese
		05 ... Japanese
		06 ... Hawaiian (includes

part-Hawaiian)

| | | 07 ... Filipino |
| | | 08 ... Other Asian or Pacific |

Islander

| 82 | 1 | **MRACE3** |
| | | **Race of Mother Recode** |

For All Areas
  1   ... White
  2   ... Races other than White or Black
  3   ... Black

| 83-84 | 2 | **DMEDUC** |
| | | **Education of Mother** |

Effective with 1992 data, all areas report education.

00   ... No formal education
01-08 ... Years of elementary school

| 83-84 | 2 | **DMEDUC** |
| | | **Education of Mother** |

09   ... 1 year of high school
10   ... 2 years of high school
11   ... 3 years of high school
12   ... 4 years of high school
13   ... 1 year of college
14   ... 2 years of college
15   ... 3 years of college
16   ... 4 years of college
17   ... 5 or more years of college
99   ... Not stated

Tape Location	Field Size	Item and Code Outline

85   1   **MEDUC6**
Education of Mother Recode

    1   ... 0 - 8 years
    2   ... 9 - 11 years
    3   ... 12 years

85   1   **MEDUC6**
Education of Mother Recode (Cont'd)

    4   ... 13 - 15 years
    5   ... 16 years and over
    6   ... Not stated

86   1   **DMARIMP**
Marital Status of Mother Imputation Flag

    Blank   ... Marital Status is not imputed

    1   ... Marital Status is imputed

87   1   **DMAR**
Marital Status of Mother

    Marital status is not reported by all areas. See

    reporting flags.

United States/Virgin Island/Guam/American
               Samoa/Northern Marianas
    1   ... Married
    2   ... Unmarried
    9   ... Unknown or not stated

Puerto Rico
    1   ... Married
    2   ... Unmarried parents living together

    3   ... Unmarried parents not living together
    9   ... Unknown or not stated

88-89   2   **MPLBIR**
Place of Birth of Mother

    01   ... Alabama

Tape Location	Field Size	Item and Code Outline

		02 ... Alaska
		03 ... Arizona
		04 ... Arkansas
		05 ... California
		06 ... Colorado
		07 ... Connecticut
		08 ... Delaware
		09 ... District of Columbia
		10 ... Florida
		11 ... Georgia
		12 ... Hawaii
		13 ... Idaho
		14 ... Illinois
		15 ... Indiana
		16 ... Iowa
		17 ... Kansas
		18 ... Kentucky
		19 ... Louisiana
		20 ... Maine
		21 ... Maryland
		22 ... Massachusetts
		23 ... Michigan
		24 ... Minnesota

88-89   2   **MPLBIR**

Place of Birth of Mother (Cont'd)

		25 ... Mississippi
		26 ... Missouri
		27 ... Montana
		28 ... Nebraska
		29 ... Nevada
		30 ... New Hampshire
		31 ... New Jersey
		32 ... New Mexico
		33 ... New York
		34 ... North Carolina
		35 ... North Dakota
		36 ... Ohio
		37 ... Oklahoma
		38 ... Oregon
		39 ... Pennsylvania
		40 ... Rhode Island
		41 ... South Carolina
		42 ... South Dakota
		43 ... Tennessee

Tape Location	Field Size	Item and Code Outline

	44	... Texas
	45	... Utah
	46	... Vermont
	47	... Virginia
	48	... Washington
	49	... West Virginia
	50	... Wisconsin
	51	... Wyoming
	52	... Puerto Rico
	53	... Virgin Islands
	54	... Guam
	61	... American Samoa
	62	... Northern Marianas
	55	... Canada
	56	... Cuba
	57	... Mexico
	59	... Remainder of the World
	99	... Not classifiable

90	1	**MPLBIRR**

Place of Birth of Mother Recode

1 ... Native born
2 ... Foreign born
3 ... Unknown or not stated

91-92	2	**DMAGERPT**

Reported Age of Mother

10-54 ... Age in single years
99 ... Unknown or not stated

Tape Location	Field Size	Item and Code Outline

Tape Location	Field Size	Item and Code Outline
93	1	**ADEQUACY** **Adequacy Of Care Recode (Kessner Index)**

This recode is based on a modified Kessner criterion. Month Prenatal Care Began,

Number of

Prenatal Visits, and Gestation are the items

used to

generate this recode.

1	...	Adequate
2	...	Intermediate
3	...	Inadequate
4	...	Unknown

94-95	2	**NLBNL** **Number of Live Births, Now Living**

Does not include this birth or adoptions.

00-30	...	Stated number of births
99	...	Unknown or not stated

96-97	2	**NLBND** **Number of Live Births, Now Dead**

Does not include this birth or adoptions.

00-30	...	Stated number of births
99	...	Unknown or not stated

98-99	2	**NOTERM** **Number of Other Terminations**

Includes spontaneous and induced at any time

after

conception.

00-30	...	Stated number of other

terminations

99	...	Unknown or not stated

100-101	2	**DLIVORD** **Detail Live Birth Order**

Tape Location	**Field Size**	**Item and Code Outline**

Sum of live births now living and now dead plus one.

If either item is unknown, this item is made unknown.

00-31 ... Number of children born alive to mother

99 ... Unknown

| 102 | 1 | **LIVORD9** |

Live Birth Order Recode

1 ... First Child
2 ... Second Child
3 ... Third Child
4 ... Fourth Child
5 ... Fifth Child

Tape Location	Field Size	Item and Code Outline

| 102 | 1 | **LIVORD9** |

Live Birth Order Recode (Cont'd)

6	...	Sixth Child
7	...	Seventh Child
8	...	Eighth Child and over
9	...	Unknown or not stated

| 103-104 | 2 | **DTOTORD** |

Detail Total Birth Order

Sum of live birth order and other terminations.

If either item is unknown, this item is made unknown.

01-40	...	Total number of live births and other terminations
99	...	Unknown

| 105 | 1 | **TOTORD9** |

Total Birth Order Recode

1	...	First Child
2	...	Second Child
3	...	Third Child
4	...	Fourth Child
5	...	Fifth Child
6	...	Sixth Child
7	...	Seventh Child
8	...	Eighth Child and over
9	...	Unknown or not stated

| 106-107 | 2 | **MONPRE** |

Detail Month of Pregnancy Prenatal Care Began

00	...	No prenatal care
01	...	1st month
02	...	2nd month
03	...	3rd month
04	...	4th month
05	...	5th month
06	...	6th month
07	...	7th month
08	...	8th month
09	...	9th month

| **Tape** | **Field** | |
| **Location** | **Size** | **Item and Code Outline** |

99   ... Unknown or not stated

Tape Location	Field Size	Item and Code Outline

108   1   **MPRE6**
                            Month Prenatal Care Began Recode 6

      1   ...   1st - 2nd month
      2   ...   3rd month
      3   ...   4th - 6th month
      4   ...   7th - 9th month
      5   ...   No prenatal care
      6   ...   Unknown or not stated

109   1   **MPRE5**
                            Month Prenatal Care Began Recode 5

      1   ...   1st Trimester (1st-3rd month)
      2   ...   2nd Trimester (4th-6th month)
      3   ...   3rd Trimester (7th-9th month)
      4   ...   No Prenatal Care
      5   ...   Unknown or not stated

110-111   2   **NPREVIS**
                            Total Number of Prenatal Visits

      00   ...   No prenatal visits
      01-48 ...   Stated number of visits
      49   ...   49 or more visits
      99   ...   Unknown or not stated

112-113   2   **NPREV12**
                            Number of Prenatal Visits Recode

      01   ...   No visits
      02   ...   1 - 2 visits
      03   ...   3 - 4 visits
      04   ...   5 - 6 visits
      05   ...   7 - 8 visits
      06   ...   9 - 10 visits
      07   ...   11 - 12 visits
      08   ...   13 - 14 visits
      09   ...   15 - 16 visits
      10   ...   17 - 18 visits
      11   ...   19 visits or more
      12   ...   Unknown or not stated number of
                            visits

Tape Location	Field Size	Item and Code Outline

114-121   8

LMPDATE
Date Last Normal Menses Began

114-115   2

LMPMON
Month Last Normal Menses Began

    01   ...   January
    02   ...   February
    03   ...   March
    04   ...   April
    05   ...   May
    06   ...   June
    07   ...   July
    08   ...   August
    09   ...   September
    10   ...   October
    11   ...   November
    12   ...   December
    99   ...   Unknown or not stated month of LMP

116-117   2

LMPDAY
Day Last Normal Menses Began

    01-31   ...   As applicable to month of LMP
    99   ...   Unknown or not stated day of LMP

118-121   4

LMPYR
Year Last Normal Menses Began

    1998   ...   1998
    1999   ...   1999
    9999   ...   Unknown or not stated year of LMP

122-132   11

R8
    Item was dropped in 1994

R8A
Reserved Position

Tape Location	Field Size	Item and Code Outline
133-137	5	**Imputed Birthweight**

Created beginning with 1995 data

133	1	**BWIMP** **Imputed Birthweight Flag**

Blank ... Birthweight is not imputed
1 ... Birthweight is imputed

134-137	4	**Imputed Birthweight**

0227-8165 ... Number of grams

138-152	15	**R2** **Reserved Positions**

153	1	**FAGERFLG** **Reported Age of Father Used Flag**

father's
age is
of birth

This position is flagged whenever the

reported age in years is used. The reported

used, if valid, when age derived from date

is not available or when it is less than 10.

Blank ... Reported age is not used
1 ... Reported age is used

154-155	2	**DFAGE** **Age of Father**

birth of
This is

This item is either computed from date of

father and of child or is the reported age.

the age item used in NCHS publications.

10-98 ... Age in single years
99 ... Unknown or not stated

156-157	2	**FAGE11**

Tape Location	Field Size	Item and Code Outline

Age of Father Recode

01	...	Under 15 years
02	...	15 - 19 years
03	...	20 - 24 years
04	...	25 - 29 years
05	...	30 - 34 years
06	...	35 - 39 years
07	...	40 - 44 years
08	...	45 - 49 years
09	...	50 - 54 years
10	...	55 - 98 years
11	...	Not stated

158   1   **ORFATH**

Hispanic Origin of Father

Hispanic origin of father is reported by all areas except Puerto Rico, Northern Marianas and American Samoa

0	...	Non - Hispanic
1	...	Mexican
2	...	Puerto Rican
3	...	Cuban
4	...	Central or South American
5	...	Other and unknown Hispanic
9	...	Origin unknown or not stated

Tape Location	Field Size	Item and Code Outline

159   1   **ORRACEF**
Hispanic Origin and Race of Father Recode

Hispanic origin of father is reported by all
areas   except Puerto Rico, Northern
Marianas and American

Samoa.

1   ...   Mexican
2   ...   Puerto Rican
3   ...   Cuban
4   ...   Central or South American
5   ...   Other and unknown Hispanic
6   ...   Non - Hispanic White
7   ...   Non - Hispanic Black
8   ...   Non - Hispanic other or unknown
race

9   ...   Origin unknown or not stated

160-161   2   **FRACE**
Race of Father
United States occurrence
Beginning with 1992 data, some areas started
reporting additional Asian or Pacific
Islander codes

for race. Codes 18-68 replace old code 08
for these

areas. Code 78 replaces old code 08 for all
other

areas. For consistency with Census race
code 09

(all other races) used prior to 1992 has
been

Changed to 99.

01   ...   White
02   ...   Black
03   ...   American Indian (includes
Aleuts and

Eskimos)
04   ...   Chinese
05   ...   Japanese
06   ...   Hawaiian (includes part-
Hawaiian)

07   ...   Filipino
18   ...   Asian Indian

Tape Location	Field Size	Item and Code Outline

		28 ... Korean
		38 ... Samoan
		48 ... Vietnamese
		58 ... Guamanian
		68 ... Other Asian or Pacific Islander

in

areas reporting codes 18-58

78 ... Combined other Asian or Pacific Islander, includes codes 18-68

for

areas that do not report them separately

99 ... Unknown or Not Stated

Puerto Rico occurrence
                01   ... White
02   ... Black
00   ... Other races
99   ... Unknown or not stated

Virgin Islands occurrence
01   ... White
02   ... Black

| 160-161 | 2 | **FRACE** |

Race of Father (Cont'd)

03   ... American Indian (includes

Aleuts and

Eskimos)
04   ... Chinese
05   ... Japanese
06   ... Hawaiian (includes part-

Hawaiian)

07   ... Filipino
08   ... Other Asian or Pacific Islander
        99   ... Unknown or Not Stated

Guam occurrence
01   ... White
02   ... Black
03   ... American Indian (includes

Aleuts and

Eskimos)
04   ... Chinese
05   ... Japanese

Tape Location	Field Size	Item and Code Outline

06   ...   Hawaiian (includes part-

Hawaiian)

07   ...   Filipino

08   ...   Other Asian or Pacific

Islander

58   ...   Guamanian

99   ...   Unknown or Not Stated

American Samoa occurrence

01   ...   White

02   ...   Black

03   ...   American Indian (includes

Aleuts and

Eskimos)

04   ...   Chinese

05   ...   Japanese

06   ...   Hawaiian (includes part-

Hawaiian)

07   ...   Filipino

08   ...   Other Asian or Pacific

Islander

99   ...   Unknown or Not Stated

Northern Marianas occurrence

01   ...   White

02   ...   Black

03   ...   American Indian

(includes Aleuts and

Eskimos

04   ...   Chinese

05   ...   Japanese

06   ...   Hawaiian (includes

part-Hawaiian)

07   ...   Filipino

08   ...   Other Asian or Pacific

Islander

162   1   **FRACE4**
Race of Father Recode

1   ...   White

2   ...   Races other than White, Black,

or

unknown

3   ...   Black

4   ...   Unknown or not stated

Tape Location	Field Size	Item and Code Outline

Tape Location	Field Size	Item and Code Outline

163–165   3   **R2A**
Reserved positions

       Item was dropped in 1995

166–167   2   **DFAGERPT**
Reported Age of Father

   10-98   ...   Age in single years
   99   ...   Unknown or not stated

168   1   **FRACEIMP**
Race of Father Imputation Flag

   (Unknown race of father is not imputed. However,

   the all other races code is changed to unknown.)

   Blank   ...   Race is not changed
   3   ...   All other races, formerly code 09,

       is changed to code 99

169   1   **R3**
Reserved Position

170   1   **CDOBMIMP**
Month of Birth of Child Imputation Flag

   Blank   ...   Month is not imputed
   1   ...   Month is imputed

171   1   **RB**
Reserved Position

172–173   2   **BIRMON**
Month of Birth

   01   ...   January
   02   ...   February
   03   ...   March
   04   ...   April
   05   ...   May

```
Tape                 Field
Location             Size              Item and Code Outline
```

06	... June
07	... July
08	... August
09	... September
10	... October
11	... November
12	... December

174-175   2   **RC**
                            Reserved Positions

176-179   4   **BIRYR**
                            Year of Birth

                            1999   ...   1999

180   1   **WEEKDAY**
                            Day of Week Child Born

1	... Sunday
2	... Monday
3	... Tuesday
4	... Wednesday
5	... Thursday
6	... Friday
7	... Saturday

181   1   **GESTESTM**
                            Clinical Estimate of Gestation Used Flag

                            This position is flagged whenever the clinical
                            estimate of gestation is used. It is used
when
                            gestation could not be computed or when the
computed
                            gestation is outside the 17-47 code range.

                            Blank   ...   Clinical Estimate is not used
                            1   ...   Clinical Estimate is used

182   1   **GESTIMP**
                            Gestation Imputation Flag

                            Blank   ...   Gestation is not imputed
                            1   ...   Gestation is imputed

Tape Location	Field Size	Item and Code Outline
183-184	2	**DGESTAT** **Gestation - Detail in Weeks**

birth of

from LMP

unknown when

valid

item used

gestation

This item is: a) computed using dates of
child and last normal menses; b) imputed
date; c) the clinical estimate; or d)
there is insufficient data to impute or no
clinical estimate. This is the gestation
in NCHS publications.

```
17-47  ...  17th through 47th week of
99          ...   Unknown
```

Tape Location	Field Size	Item and Code Outline
185-186	2	**GESTAT10** **Gestation Recode 10**

```
01     ...  Under 20 weeks
02     ...  20 - 27 weeks
03     ...  28 - 31 weeks
04     ...  32 - 35 weeks
05     ...  36 weeks
06     ...  37 - 39 weeks
07     ...  40 weeks
08     ...  41 weeks
09     ...  42 weeks and over
10     ...  Not stated
```

Tape Location	Field Size	Item and Code Outline
187	1	**GESTAT3** **Gestation Recode 3**

         1   ...   Under 37 weeks
         2   ...   37 weeks and over
         3   ...   Not stated

| 188 | 1 | **CSEXIMP**
Sex Imputation Flag |

    Blank   ...   Sex is not imputed
    1   ...   Sex is imputed

| 189 | 1 | **CSEX**
Sex |

         1   ...   Male
         2   ...   Female

| 190-192 | 3 | **RD**
Reserved Positions |
| 193-196 | 4 | **DBIRWT**
Birth Weight - Detail in Grams |

    0227-8165   ...   Number of grams
    9999   ...   Not stated birth weight

| 197-198 | 2 | **BIRWT12**
Birth Weight Recode 12 |

    01   ...   499 grams or less
    02   ...   500 - 999 grams
    03   ...   1000 - 1499 grams
    04   ...   1500 - 1999 grams
    05   ...   2000 - 2499 grams
    06   ...   2500 - 2999 grams
    07   ...   3000 - 3499 grams
    08   ...   3500 - 3999 grams
    09   ...   4000 - 4499 grams
    10   ...   4500 - 4999 grams
    11   ...   5000 - 8165 grams
    12   ...   Not stated

Tape Location	Field Size	Item and Code Outline
199	1	**BIRWT4** **Birth Weight Recode 4**

1	...	1499 grams or less
2	...	1500 - 2499 grams
3	...	2500 - grams or more
4	...	Unknown or not stated

Tape Location	Field Size	Item and Code Outline
200	1	**PLURIMP** **Plurality Imputation Flag**

Blank	...	Plurality is not imputed
1	...	Plurality is imputed

Tape Location	Field Size	Item and Code Outline

201   1   **DPLURAL**
                               Plurality

                               1   ... Single
                               2   ... Twin
                               3   ... Triplet
                               4   ... Quadruplet
                               5   ... Quintuplet or higher

202-204   3   **R6**
                               Reserved positions

                               Item was dropped in 1995

205-206   2   **FMAPS**
                               Five Minute Apgar Score

                               Apgar Score is not reported by all areas.
See

                               reporting flags.

                               00-10   ... A score of 0-10
                               99   ... Unknown or not stated

207   1   **FMAPSR**
                               Five Minute Apgar Score Recode

                               Apgar Score is not reported by all areas.
See

                               reporting flags.

                               1   ... A score of 0-3
                               2   ... A score of 4-6
                               3   ... A score of 7-8
                               4   ... A score of 9-10
                               5   ... Not stated

208-209   2   **CLINGEST**
                               Clinical Estimate of Gestation

                               Clinical estimate is not reported by all
areas. See

                               reporting flags.

                               17-47   ... Estimated gestation in weeks

Tape Location	Field Size	Item and Code Outline

99   ... Unknown or not stated

210-216   7   **R4**
Reserved Positions

Tape Location	Field Size	Item and Code Outline
217-306	90	**MEDINFO** **Medical and Health Data**

Some States do not report an entire item

while other

States do not report all of the categories

within an

item.

If an item is not reported, it is indicated

by code

zero in the appropriate reporting flag.

If a category within an item is not reported

it is

indicated by code 8 in the position for that category.

| 217-222 | 6 | **DELMETH** **Method of Delivery** |

Each method is assigned a separate position,

and the

code structure for each method (position)

is:

```
1        ...  The method was used
2        ...  The method was not used
8        ...  Method not on certificate
9        ...  Method unknown or not stated
```

217	1	**VAGINAL** **Vaginal**
218	1	**VBAC** **Vaginal birth after previous C-section**
219	1	**PRIMAC** **Primary C -section**
220	1	**REPEAC** **Repeat C -section**
221	1	**FORCEP** **Forceps**

Tape Location	Field Size	Item and Code Outline

222   1   **VACUUM**
Vacuum

223   1   **R5**
Reserved Position

224   1   **DELMETH5**
Method of Delivery Recode

      1   ...   Vaginal (excludes vaginal after previous C-section)
      2   ...   Vaginal birth after previous C-section
      3   ...   Primary C -section
      4   ...   Repeat C -section
      5   ...   Not stated

Tape Location	Field Size	Item and Code Outline
225-241	17	**MEDRISK** **Medical Risk Factors**

Each risk factor is assigned a separate

position,

and the code structure for each risk factor (position) is:

1	...	Factor reported
2	...	Factor not reported
8	...	Factor not on certificate
9	...	Factor not classifiable

225	1	**ANEMIA** **Anemia (Hct.<30/Hgb.<10)**
226	1	**CARDIAC** **Cardiac disease**
227	1	**LUNG** **Acute or chronic lung disease**
228	1	**DIABETES** **Diabetes**
229	1	**HERPES** **Genital herpes**
230	1	**HYDRA** **Hydramnios/Oligohydramnios**
231	1	**HEMO** **Hemoglobinopathy**
232	1	**CHYPER** **Hypertension, chronic**
233	1	**PHYPER** **Hypertension, pregnancy-associated**
234	1	**ECLAMP** **Eclampsia**
235	1	**INCERVIX** **Incompetent cervix**

Tape Location	Field Size	Item and Code Outline
236	1	**PRE4000** **Previous infant 4000+ grams**
237	1	**PRETERM** **Previous preterm or small-for-gestational-age infant**
238	1	**RENAL** **Renal disease**
239	1	**RH** **Rh sensitization**

Tape Location	Field Size	Item and Code Outline

240   1   **UTERINE**
Uterine bleeding

241   1   **OTHERMR**
Other Medical Risk Factors

242-252   11   **OTHERRSK**
Other Risk Factors for this Pregnancy

242-245   4   **TOBACRSK**
Tobacco Risks

242   1   **TOBACCO**
Tobacco Use During Pregnancy

      1   ...   Yes
      2   ...   No
      9   ...   Unknown or not stated

243-244   2   **CIGAR**
Average Number of Cigarettes Per Day

      00-97   ...   As stated
      98   ...   98 or more cigarettes per day
      99   ...   Unknown or not stated

245   1   **CIGAR6**
Average Number of Cigarettes Per Day Recode

      0   ...   Nonsmoker
      1   ...   1 - 5 cigarettes per day
      2   ...   6 - 10 cigarettes per day
      3   ...   11 - 20 cigarettes per day
      4   ...   21 - 40 cigarettes per day
      5   ...   41 or more cigarettes per day
      6   ...   Unknown or not stated

246-249   4   **ALCOHRSK**
Alcohol

246   1   **ALCOHOL**
Alcohol Use During Pregnancy

      1   ...   Yes
      2   ...   No

Tape Location	Field Size	Item and Code Outline

9   ... Unknown or not stated

247-249	2	**DRINK**

Average Number of Drinks Per Week

00-97   ... As stated
98   ... 98 or more drinks per week
99   ... Unknown or not stated

Tape Location	Field Size	Item and Code Outline

249   1   **DRINK5**
Average Number of Drinks Per Week Recode

```
0        ...  Non drinker
1        ...  1 drink per week
2        ...  2 drinks per week
3        ...  3 - 4 drinks per week
4        ...  5 or more drinks per week
5        ...  Unknown or not stated
```

250-252   3   **WTGANRSK**
Weight Gain During Pregnancy

250-251   2   **WTGAIN**
Weight Gain

```
00-97    ...  Stated number of pounds
98       ...  98 pounds or more
99       ...  Unknown or not stated
```

252   1   **WTGAIN9**
Weight Gain Recode

```
1        ...  Less than 16 pounds
2        ...  16 - 20 pounds
3        ...  21 - 25 pounds
4        ...  26 - 30 pounds
5        ...  31 - 35 pounds
6        ...  36 - 40 pounds
7        ...  41 - 45 pounds
8        ...  46 or more pounds
9        ...  Unknown or not stated
```

253-259   7   **OBSTETRC**

Obstetric Procedures

Each procedure is assigned a separate

position, and

(position)

the code structure for each procedure

is:

```
1        ...  Procedure reported
2        ...  Procedure not reported
```

Tape Location	Field Size	Item and Code Outline
		8 ... Procedure not on certificate
		9 ... Procedure not classifiable
253	1	**AMNIO** **Amniocentesis**
254	1	**MONITOR** **Electronic fetal monitoring**
255	1	**INDUCT** **Induction of labor**
256	1	**STIMULA** **Stimulation of labor**
257	1	**TOCOL** **Tocolysis**
258	1	**ULTRAS** **Ultrasound**
259	1	**OTHEROB** **Other Obstetric Procedures**
260-275	16	**LABOR** **Complications of Labor and/or Delivery**

Each complication is assigned a separate position,

and the code structure for each complication (position) is:

```
1      ... Complication reported
2      ... Complication not reported
8      ... Complication not on certificate
9      ... Complication not classifiable
```

Tape Location	Field Size	Item and Code Outline
260	1	**FEBRILE** **Febrile (>100 degrees F. or 38 degrees C.)**
261	1	**MECONIUM** **Meconium, moderate/heavy**
262	1	**RUPTURE** **Premature rupture of membrane (>12 hours)**

Tape Location	Field Size	Item and Code Outline
263	1	**ABRUPTIO** **Abruptio placenta**
264	1	**PREPLACE** **Placenta previa**
265	1	**EXCEBLD** **Other excessive bleeding**
266	1	**SEIZURE** **Seizures during labor**
267	1	**PRECIP** **Precipitous labor (<3 hours)**
268	1	**PROLONG** **Prolonged labor (>20 hours)**
269	1	**DYSFUNC** **Dysfunctional labor**
270	1	**BREECH** **Breech/Malpresentation**
271	1	**CEPHALO** **Cephalopelvic disproportion**

Tape Location	Field Size	Item and Code Outline
272	1	**CORD** **Cord prolapse**
273	1	**ANESTHE** **Anesthetic complications**
274	1	**DISTRESS** **Fetal distress**
275	1	**OTHERLB** **Other Complication of Labor and/or Delivery**
276-284	9	**NEWBORN** **Abnormal Conditions of the Newborn**

Each condition is assigned a separate

position, and

the code structure for each condition

(position) is:

1	...	Condition reported
2	...	Condition not reported
8	...	Condition not on certificate
9	...	Condition not classifiable

Tape Location	Field Size	Item and Code Outline
276	1	**NANEMIA** **Anemia (Hct.<39/Hgb.<13)**
277	1	**INJURY** **Birth injury**
278	1	**ALCOSYN** **Fetal alcohol syndrome**
279	1	**HYALINE** **Hyaline membrane disease**
280	1	**MECONSYN** **Meconium aspiration syndrome**
281	1	**VENL30** **Assisted ventilation, less than 30 minutes**
282	1	**VEN30M**

Tape Location	Field Size	Item and Code Outline

Assisted ventilation, 30 minutes or more

| 283 | 1 | **NSEIZ** |

Seizures

| 284 | 1 | **OTHERAB** |

Other Abnormal Conditions of the Newborn

Tape Location	Field Size	Item and Code Outline
285-306	22	**CONGENIT** **Congenital Anomalies**

Each anomaly is assigned a separate

position, and

(position) is:

the code structure for each anomaly

1	...	Anomaly reported
2	...	Anomaly not reported
8	...	Anomaly not on certificate
9	...	Anomaly not classifiable

Tape Location	Field Size	Item and Code Outline
285	1	**ANEN** **Anencephalus**
286	1	**SPINA** **Spina bifida/Meningocele**
287	1	**HYDRO** **Hydrocephalus**
288	1	**MICROCE** **Microcephalus**
289	1	**NERVOUS** **Other central nervous system anomalies**
290	1	**HEART** **Heart malformations**
291	1	**CIRCUL** **Other circulatory/respiratory anomalies**
292	1	**RECTAL** **Rectal atresia/stenosis**
293	1	**TRACHEO** **Tracheo - esophageal fistula/Esophageal atresia**
294	1	**OMPHALO** **Omphalocele/Gastroschisis**

Tape Location	Field Size	Item and Code Outline
295	1	**GASTRO** **Other gastrointestinal anomalies**
296	1	**GENITAL** **Malformed genitalia**
297	1	**RENALAGE** **Renal agenesis**
298	1	**UROGEN** **Other urogenital anomalies**
299	1	**CLEFTLP** **Cleft lip/palate**
300	1	**ADACTYLY** **Polydactyly/Syndactyly/Adactyly**
301	1	**CLUBFOOT** **Club foot**
302	1	**HERNIA** **Diaphragmatic hernia**
303	1	**MUSCULO** **Other musculoskeletal/integumental anomalies**
304	1	**DOWNS** **Down's syndrome**
305	1	**CHROMO** **Other chromosomal anomalies**
306	1	**OTHERCON** **Other Congenital Anomalies**
307-326	20	**FLRES** **Reporting Flags for Place of Residence**

These positions contain flags to indicate whether or

not the specified item is included on the birth

Tape Location	Field Size	Item and Code Outline
		certificate of the State of residence or of
the MSA		
		of residence. The code structure for each
flag		
		(position) is:
		0 ... The item is not reported
		1 ... The item is reported or
partially		
		reported.
307	1	**ORIGM** **Origin of mother**
308	1	**ORIGF** **Origin of father**
309	1	**EDUCM** **Education of mother**
310	1	**EDUCF** **Education of father**
311	1	**GESTE** **Clinical estimate of gestation**
312	1	**R6A** **Reserved position**
313	1	**FMAPSRF** **5 - minute Apgar score**
314	1	**DELMETRF** **Method of delivery**
315	1	**MEDRSK** **Medical risk factors**
316	1	**TOBUSE** **Tobacco use**
317	1	**ALCUSE** **Alcohol use**
318	1	**WTGN**

Tape Location	Field Size	Item and Code Outline
		Weight gain
319	1	**OBSTRC** **Obstetric procedures**
320	1	**CLABOR** **Complications of labor and/or delivery**
321	1	**ABNML** **Abnormal conditions of newborn**
322	1	**CONGAN** **Congenital anomalies**
323	1	**R6** **Reserved Position**
324	1	**EDUCSMSA** **Education of Mother (Based on MSA)**
325	1	**APIFLAG** **Race codes 18-68 reported (beginning with 1992 data)**
326-346	21	**R7** **Reserved positions**
347-349	3	**SMSARES** **PSMA/MSA of Residence (NCHS)**

Primary Metropolitan Statistical Areas and
Metropolitan Statistical Areas are those

defined by

the U.S. Office of Management and Budget

(OMB) as

of June 30, 1990. For New England, the New

England

County Metropolitan Areas (NECMA's) are

used.

Further back in this document is a list of

PMSA's,

MSA's, NECMA's, and their component

counties.

Tape Location	Field Size	Item and Code Outline

```
                                 000          ...  Nonmetropolitan counties
                                 001-320 ...  Code range
                                 999          ...  Area of less than 100,000
population                                ZZZ            ...  Foreign
residents
```

Tape Location	**Field Size**	**Item and Code Outline**
350	1	**POPSMAS** **PMSA/MSA Population Size**

Based on 1990 Census county population counts

1	...	Area of 250,000 or more
2	...	Area of 100,000 to 250,000
9	...	Area of less than 100,000 or nonmetropolitan area
Z	...	Foreign resident